CS4334 - Numerical Analysis

**CS 4334** Numerical Analysis (3 semester credit hours) Solution of linear equations, roots of polynomial equations, interpolation and approximation, numerical differentiation and integration, solution of ordinary differential equations, computer arithmetic, and error analysis. Prerequisites: (**MATH 2370** or **CS 1324** or **CS 1325** or **CE 1337** or **CS 1337**) and (**MATH 2418** and **MATH 2451** or **MATH 3351**). (Same as **MATH 4334**) (3-0) Y